

ABSTRACT OF THE INVENTION

A thread consistency support system 10 provides thread consistency from a Connector Application Program Interface 50 that creates multiple threads to a Thread-dependent Connector 40 that only allows a single thread to link to that connector for all operations on that connector. The system includes a Detection/Activation routine 20 that activates a Threading MetaConnector routine 30 in response to the Detection/Activation routine identifying a multi-threaded application 60 attempting to access a Thread-dependent Connector 40. The Threading MetaConnector routine 30 interfaces between the Connector Application Program Interface 50 and the Thread-dependent Connector 40. The Threading MetaConnector routine 30 establishes a connection handle for a single internal thread 80 with the Thread-dependent Connector 40 that is returned to the Connector Application Program Interface 50 of a calling multi-threaded application 60 in place of multiple requested thread connection handles. The connection handle is established in response to the Threading MetaConnector routine's receipt of multiple threads 70 from the Connector Application Program Interface 50. The thread consistency support system 10 ensures that the same thread that initializes a connection from the Thread-dependent Connector 40 is used for all subsequent operations attempted by the multiple threads 70 from the application 60 with that connector.